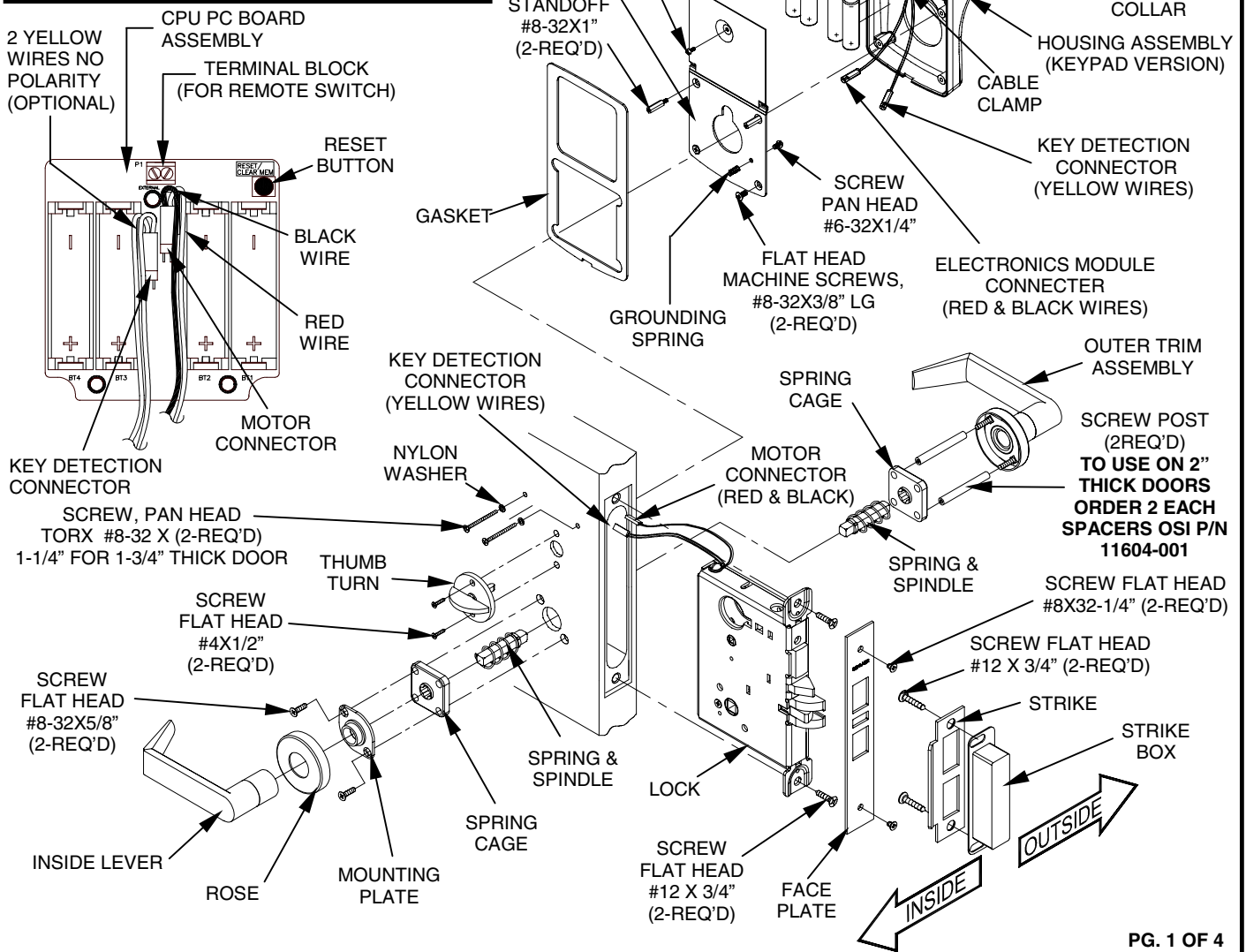
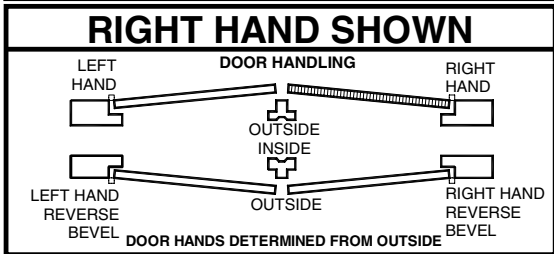
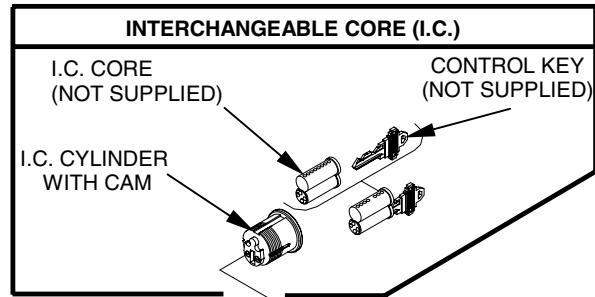


INSTALLATION INSTRUCTIONS FOR OP2000 SERIES NON-WEATHERIZED, MORTISE LOCKSETS USING SCHLAGE® L-SERIES LOCKS (LEVER)

WARNING: THIS PRODUCT IS NOT WARRANTED FOR OUTDOORS USE!

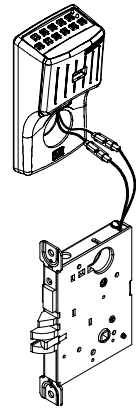
NOTE: A DOOR-CLOSER IS HIGHLY RECOMMENDED FOR USE WITH THIS PRODUCT.

THIS PRODUCT IS NORMALLY FACTORY-PACKED FOR RIGHT-HAND 1-3/4" THICK DOORS. TO CHANGE HAND OF LOCK, SEE INSTRUCTION SECTION 2



SECTION 1: CHECK OPERATION

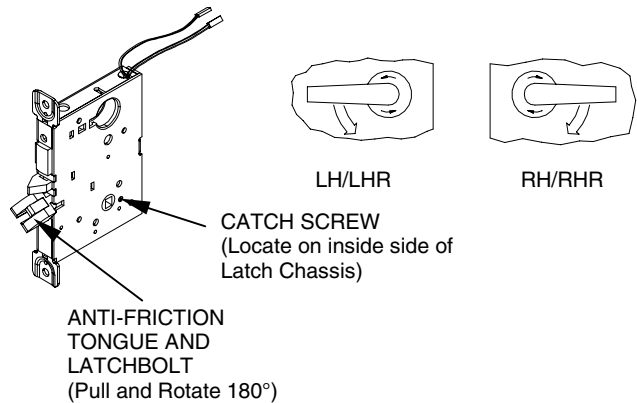
- Connect the Motor Connector from the Lock to the Electronic Module so that the red wires are aligned.
- Verify proper operation of the System using the Default Programmer ID Proximity card. Momentarily place the center of the Proximity Card (Included in the OMNILOCK Administrators Kit) over the recess in the front of the OP2000. The System will flash green once and unlock, then, during the Open Delay Time, it will flash green five times. The System will flash red and lock. While unlocked, check for proper operation of the lock.
- If your System has a Keypad Proceed as follows, otherwise go to Step d: Verify proper operation of the System using the Keypad. Enter the Default Programmer ID, **1 2 3 4**, at the Keypad. The Lights will flash as in the previous step.
- If Key Detection is installed, proceed as follows, otherwise go to step e: Verify proper operation of the Key Detection Indicator by inserting the Key into the Key Cylinder and rotating clockwise. The green light will flash.
- If the System malfunctions remove the Battery Cover and check for proper orientation and seating of the Batteries, Motor Connector and Key Detection Connector. Ensure that the wires are not pinched. Reset the electronics by pressing and holding the Reset Button on the circuit board until the light flashes green, approximately three seconds. The System will go through a self-test and flash green 5 times. Any red flash indicates an electronics or motor problem. Repeat the verification process if all flashes are green.



SECTION 2: ADJUST THE LOCK HAND

This section is only required if the lock hand, as received, does not meet your requirements. The Lock Chassis is normally preset for a Right Handed Door. Verify the handing of the Lock and, if required, change the hand of the Lock as follows after checking per section 1.

- Pull the Anti-Friction Tongue and Latch bolts away from the Chassis and rotate the complete unit 180 degrees to adjust for the Door Handing.
- Remove the Catch Screw from one side of the Chassis and install on the opposite side (Catch Screw must always be on the inside side of the Latch Chassis for proper functioning of the Lock).

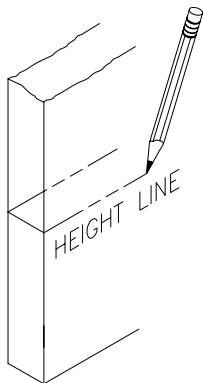


SECTION 3: PREPARE THE DOOR

3-1 MARK THE HEIGHT LINE

- Mark a Height line on the Door Faces and Edge (suggested height is 38" from the floor).

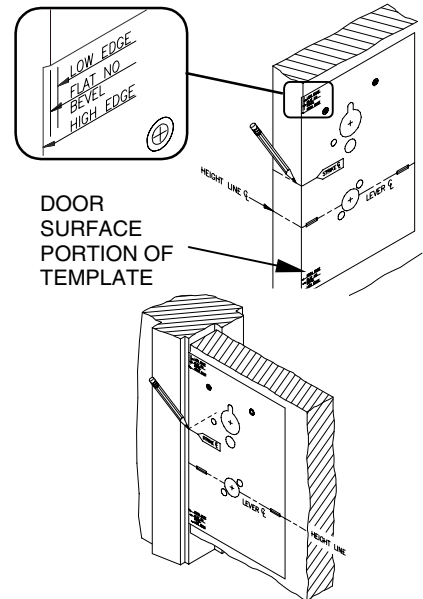
NOTE: If the Frame has already been prepared for an Schlage Strike, measure 2-3/32" down from the center of the Strike to locate the centerline of the Lever.



3-2 MARK THE DOOR SURFACE AND THE STRIKE POSITION

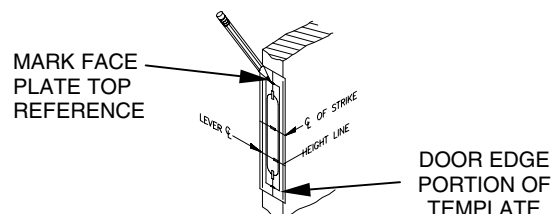
- Detach the Door Edge portion of the Template from the Door Surface portion of the Template.
- Line up the Door Surface portion of the Template at the correct marking for the Door Bevel (high or low bevel; or flat).
- Position the Lever Centerline of the Template on the Height line drawn on the Door.
- Spot only those holes required for the Lockset being installed.
- Mark the Centerline of the Strike position on the Frame.
- Spot both sides of the Door.

CAUTION: Read the Template thoroughly, and spot only those holes required for each side of the Door.



3-3 MARK THE DOOR EDGE

- Center the Door Edge portion of the Template on the Door Edge and align the Lever Centerline of the Template on the height line drawn on the Door.
- Spot the top and bottom points of the Lock Case Mortise and mark the Face Plate top reference as illustrated below.



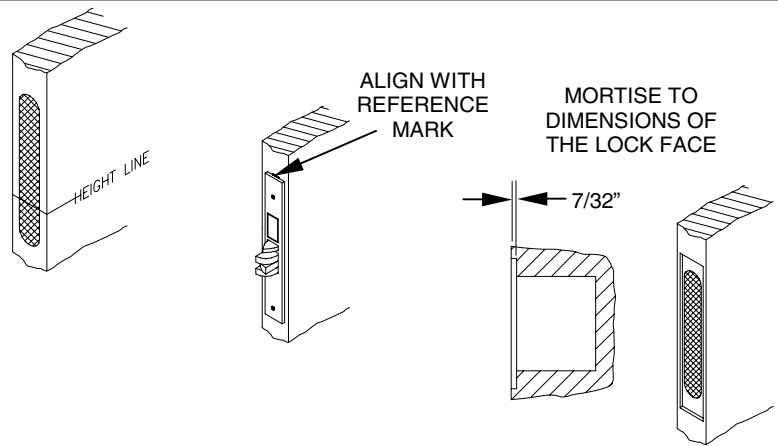
3-4 MORTISE THE DOOR EDGE

- Mortise the Door Edge for the Lock Case to the dimensions shown on the Template.
- Insert the Lock (with the Face Plate attached) into the Mortise.

CAUTION: Do not pinch the Motor Wires.

- Center the Face Plate (Lock attached) on the Door Edge and align the top of the Face Plate with the reference mark. Scribe the Face Plate outline as illustrated. Remove the lock from the door.

- Mortise the Door Edge to the Lock Face thickness.



3-5 DRILL THE DOOR SURFACE HOLES

- Drill the required holes through the outside and inside of the Door.

CAUTION: Drill the holes only halfway through the Door from each side.

SECTION 4: INSTALL THE HOUSING / LOCK ASSEMBLY

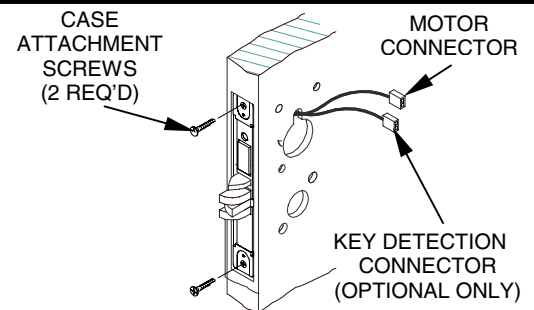
4-1

- Remove the Face Plate and guide the Connector(s) and the Lock into the Mortise so that the Cable passes through the slot above the Cylinder Hole and the Lock is seated in the Mortise.

CAUTION: Do not pinch the Cable.

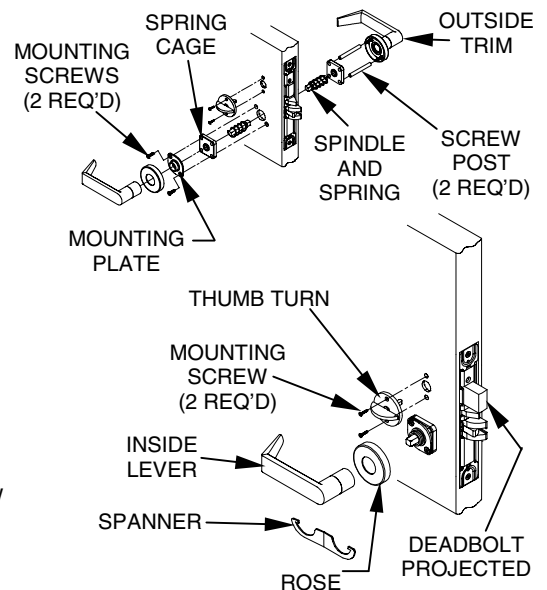
- Spot the hole location for the Case Attachment Screws and remove the Lock from the Mortise. For Wood Doors, drill 1/8" dia. pilot holes for the Case Attachment Screws, and counter drill the holes 7/32" dia. x 3/16" deep for Combination Screws. For Metal Doors, drill 3/16" dia. holes.

- Install the Lock into the mortise and secure with the screws.



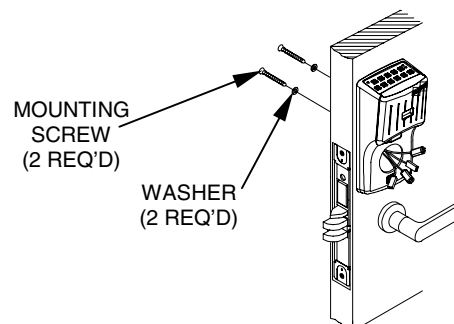
4-2 ATTACH THE TRIM

- Insert the Inside and Outside Spindles and Springs so that the Shoulder of the Spindle is in contact with the Hub of the Lock case.
- Thread the Screw Posts into the Outside Rose.
- Place the Spring Cage onto the Screw Posts with the arrows on the Spring Cage pointing in the direction of the Lever rotation.
- Install the Outside Trim onto the Outside Spindle with the Screw Posts thru the holes in the Lock Case.
- Slide the Inside Spring Cage over the Inside Spindle and Screw Posts (Arrows on the Spring Cage pointing in the direction of the Lever rotation).
- Place the Mounting Plate over the Inside Spindle. Align the Screw Holes with the Screw Posts.
- Insert and tighten the Mounting Screws.
- Place the Inside Rose over the Mounting Plate. Slide the Lever into position and tighten the Lever Bushing with the Spanner Wrench.
- If required, install the Turn Piece and project the Deadbolt. Align the Screw Holes vertically and fasten with the Screws.
- Insert and tighten the Mounting Screws.



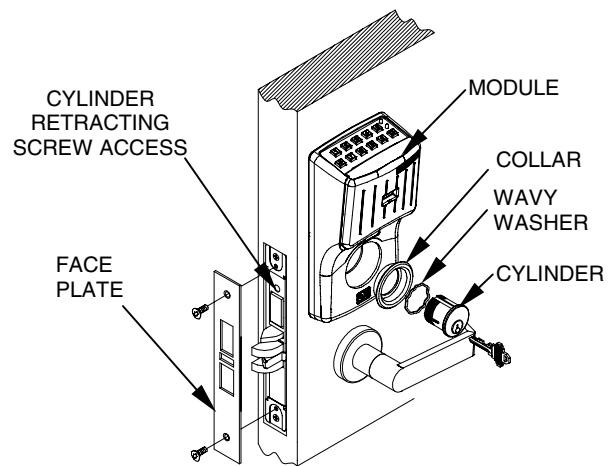
4-3 INSTALL THE ELECTRONIC MODULE

- Guide the Connector(s) through the front hole in the Module and place the Module against the Door so that the Standoffs and their Grounding Springs enter their respective holes.
- Install the Mounting Screws and Washers finger tight.
- Connect the Lock Connector (Red and Black Wires) to the module Connector so that the Wire colors match. If installed, Connect the Option 1 Connector to the Module Connector (Yellow Wires).
- Insert the Cables and the Connectors into the Module so that they are clear of the Cylinder Hole.



4-4 INSTALL THE CYLINDER

- Insert the Cylinder with the Wavy Washer and Collar into the Module and partially screw it into the lock.
- Tighten the Module Mounting Screws and then tighten the Cylinder until it is snug with the keyway at the bottom.
- Tighten the Cylinder Retaining Screw and install the Face Plate.
- Repeat sections 1a through 1b, and section 1c if Option 1 is installed, to verify operation.



SECTION 5: INSTALL THE STRIKE

- Draw a vertical line on the Door Frame 1/2 the Door thickness from the Door Stop.
- Mortise the Door Frame for the Strike Box to the dimensions shown on the Template.
- Align the Strike Template on the frame with the vertical line and the Strike centerline mark on the frame from Section 3-2e and spot for the mortise holes and the strike recess.

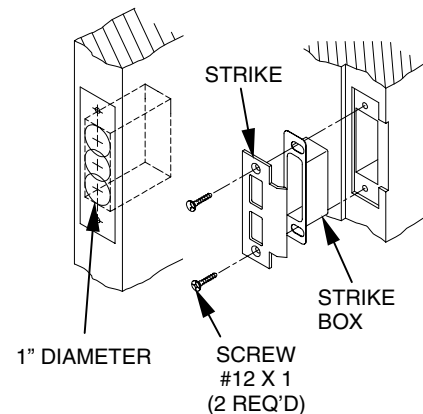
CAUTION: Allow for paint buildup or weather stripping if required.

- Recess 5/32" for flush fit of the Strike and the Strike Box. (Additional recess is required when using strike reinforcement.)
- Drill the required mounting holes.

NOTE: For wood doors, drill 1/8" dia. pilot holes and counter drill the holes 7/32" dia. x 3/16" deep for Combination Screws. For metal doors, drill 3/16" dia. holes.

- Install the Strike Box and the Strike and secure with the Screws.

CAUTION: Be sure auxiliary latch does not enter strike opening.



SECTION 6: PROGRAM THE SYSTEM

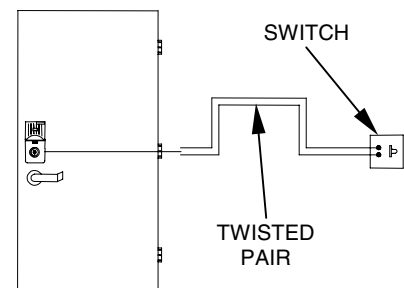
IMPORTANT: To avoid unauthorized access, it is important to program a new Programmer ID.

Refer to the OMNIOLOCK Administrator's Guide for programming instructions. If the System has been installed on a door before the required programming information is available, and your system has a keypad, the access Level may be set to Unlocked as follows:

- Enter the Default Manager ID **2 2 2 2**, at the keypad, the green light will flash.
- Press **2**, the green light will flash.
- Press and hold the **CL** key until the green light flashes four times. (The light will flash once when the **CL** key is pressed, continue to hold the key until the light flashes three more times.)
- The System will remain in the Unlocked mode.

SECTION 7: REMOTE SWITCH

- Remote operation of the System may be accomplished by a momentary Switch closure. This may be desirable for someone monitoring a protected entrance, such as a receptionist. Momentarily pressing the Switch will cause the System to go through a normal unlock and lock sequence. If the Switch is held closed, the open time will be extended.
- Connect a **twisted pair** of wires from the Terminal Block on the PC Board to a normally open momentary contact Switch. Plan the route for your wire and the access route through the door to the PC Board in the OMNIOLOCK Module. Plan for disconnecting the wires in the Lock area so that the System can be removed from the door to change the Batteries as required.



INSTALLER NOTES: Leave these instructions and other Documents with the User.